ELSEVIER

Brain Research Protocols 5 (2000) 318–319

BRAIN RESEARCH PROTOCOLS

www.elsevier.com/locate/bres

Author Index

Abraham, P., see Fromy, B. (5) 198
Adamchik, Y., Frantseva, M.V., Weisspapir, M., Carlen, P.L. and Perez Velazquez, J.L.
Methods to induce primary and secondary traumatic damage in organotypic hippocampal slice cultures (5) 153
Anderson, M.F. and Sims, N.R.
Improved recovery of highly enriched mitochondrial fractions from small brain tissue samples (5) 95
Arendt, T., see Janke, C. (5) 231

Ba-M'Hamed, S., see Sequeira, H. (5) 49
Bajetto, A., Barbero, S., Bonavia, R., Chimini, G. and Schettini, G.
Immunofluorescence and biochemical techniques to detect nuclear localization of ciliary neurotrophic factor in glial cells (5) 273
Banik, N.L., see Ray, S.K. (5) 305
Barbero, S., see Bajetto, A. (5) 273
Beck, M., see Janke, C. (5) 231
Bettini, E., see Magnani, E. (5) 266
Beuckmann, C.T., see Franke, H. (5) 248
Biagiotti, E., see Ninfali, P. (5) 115
Bigl, V., see Janke, C. (5) 231
Bledi, Y., Domb, A.J. and Linial, M.
Culturing neuronal cells on surfaces coated by a novel polyethyleneimine-based polymer (5) 282
Bobes, M.A., see Olivares, E.I. (5) 1
Bonavia, R., see Bajetto, A. (5) 273
Botero, J.M., see Ludvig, N. (5) 75
Brinkley, L., see Morris-Wiman, J. (5) 172
Bugiani, O., see Silei, V. (5) 132

Caltagirone, C., see Oliveri, M. (5) 25
Carlen, P.L., see Adamchik, Y. (5) 153
Cicinelli, P., see Oliveri, M. (5) 25
Consiglio, A.R. and Lucion, A.B.
Technique for collecting cerebrospinal fluid in the cisterna magna of non-anesthetized rats (5) 109
Chimini, G., see Bajetto, A. (5) 273
Cocco, S., see Fadda, F. (5) 219

De Groot, C.J.A., Montagne, L., Janssen, I., Ravid, R., Van Der Valk, P. and Veerhuis, R.
Isolation and characterization of adult microglial cells and oligodendrocytes derived from postmortem human brain tissue (5) 85
Del Grande, P., see Ninfali, P. (5) 115
D'Esposito, M., see Postle, B.R. (5) 57
Dirnagl, U., see Victorov, I.V. (5) 135
Domb, A.J., see Bledi, Y. (5) 282

Fabrizi, C., see Silei, V. (5) 132
Fadda, F., Cocco, S. and Stancampiano, R.
A physiological method to selectively decrease brain serotonin release (5) 219
Ferger, B., see Teismann, P. (5) 204
Fernandez-Lopez, A., see Revilla, R. (5) 140
Filippi, M.M., see Oliveri, M. (5) 25
Franke, H., Galla, H.-J. and Beuckmann, C.T.
Primary cultures of brain microvessel endothelial cells: a valid and flexible model to study drug transport through the blood–brain barrier in vitro (5) 248
Frantseva, M.V., see Adamchik, Y. (5) 153
Fromy, B., Abraham, P. and Saumet, J.-L.
Progressive calibrated pressure device to measure cutaneous blood flow changes to external pressure strain (5) 198
Fukuda, C., see Manabe, Y. (5) 312
Fujii, F., see Nomura, Y. (5) 10
Funakoshi, H., see Sun, W. (5) 190
Furuya, K., see Takahashi, E. (5) 159
Fushiki, T., see Manabe, Y. (5) 312

Galla, H.-J., see Franke, H. (5) 248
Garcia, M.M., see McInvale, A.C. (5) 39
Gazzanelli, G., see Ninfali, P. (5) 115
Ge, Y.-W., see Lahiri, D.K. (5) 257
Gonçalves, P.P., Meireles, S.M., Neves, P. and Vale, M.G.P.
Methods for analysis of Ca^{2+}/H^{+} antiport activity in synaptic vesicles isolated from sheep brain cortex (5) 102
Gruss, P., see Usman, N. (5) 243
Guidi, L., see Ninfali, P. (5) 115

Hanai, K., see Manabe, Y. (5) 312
Harlan, R.E., see McInvale, A.C. (5) 39
He, J.-w., Hirata, K., Kuraoka, A. and Kawabuchi, M.
An improved method for avulsion of lumbar nerve roots as an experimental model of nitric oxide-mediated neuronal degeneration (5) 223
Hirai, H., Yoshioka, K. and Yamada, K.
A simple method using ^{31}P-NMR spec-troscopy for the study of protein phosphorylation (5) 182
Hirata, K., see He, J.-w. (5) 223
Hodge, C.W., see Olive, M.F. (5) 16
Hogan, E.L., see Ray, S.K. (5) 305
Holzer, M., see Janke, C. (5) 231

Iglesias, J., see Olivares, E.I. (5) 1
Inoue, K., see Manabe, Y. (5) 312
Ishii, S.-i., see Sasaki, T. (5) 146

Janke, C., Beck, M., Holzer, M., Bigl, V. and Arendt, T.
Analysis of the molecular heterogeneity of the microtubule-associated protein tau by two-dimensional electrophoresis and RT-PCR (5) 231
Janssen, I., see De Groot, C.J.A. (5) 85

Kajiwara, N., see Takahashi, E. (5) 159
Kawabuchi, M., see He, J.-w. (5) 223
Kral, J.G., see Ludvig, N. (5) 75
Kral, K., see Leitinger, G. (5) 30
Kuusisto, E., see Roschier, M. (5) 121
Kuraoka, A., see He, J.-w. (5) 223

Lahiri, D.K. and Ge, Y.-W.
Electrophoretic mobility shift assay for the detection of specific DNA–protein complex in nuclear extracts from the cultured cells and frozen autopsy human brain tissue (5) 257
Lauro, G.M., see Silei, V. (5) 132
Leitinger, G., Pabst, M.A. and Kral, K.
Gold toning preserves integrity of silver enhanced immunogold particles during osmium tetroxide treatment for demonstration of a biogenic amine (5) 30
Leman, S., Viltart, O. and Sequeira, H.
Double immunocytochemistry for the detection of Fos protein in retrogradely identified neurons using cholera toxin B subunit (5) 298
Linial, M., see Bledi, Y. (5) 282
Li, L. and Yeomans, J.S.
Using intracranial electrical stimulation to study the timing of prepulse inhibition of the startle reflex (5) 67
Li, X. and Wang, X.
Application of real-time polymerase chain reaction for the quantitation of interleukin-1β mRNA upregulation in brain ischemic tolerance (5) 211
Lucion, A.B., see Consiglio, A.R. (5) 109
Ludvig, N., Nguyen, M.C., Botero, J.M., Tang, H.M., Scalia, F., Scharf, B.A. and Kral, J.G.
Delivering drugs, via microdialysis, into the

PII: S1385-299X(00)00029-5

environment of extracellularly recorded hippocampal neurons in behaving primates (5) 75

Magnani, E. and Bettini, E.
Resazurin detection of energy metabolism changes in serum-starved PC12 cells and of neuroprotective agent effect (5) 266
Malatesta, M., see Ninfali, P. (5) 115
Manabe, Y., Yamazaki, H., Fukuda, C., Inoue, K., Fushiki, T. and Hanai, K.
Hydra biological detection of biologically active peptides in rat cerebrospinal fluid (5) 312
Matsumoto, K., see Sun, W. (5) 190
McInvale, A.C., Harlan, R.E. and Garcia, M.M.
Immunocytochemical detection of two nuclear proteins within the same neuron using light microscopy (5) 39
Mehmert, K.K., see Olive, M.F. (5) 16
Meireles, S.M., see Gonçalves, P.P. (5) 102
Miyamoto, N., see Takahashi, E. (5) 159
Montagne, L., see De Groot, C.J.A. (5) 85
Morris-Wiman, J., Brinkley, L. and Sego, R.
An in vitro model for the study of taste papillae morphogenesis using branchial arch explants (5) 172

Nagane, Y., Utsugisawa, K. and Tohgi, H.
PCR amplification in bisulfite methylcytosine mapping in the GC-rich promoter region of amyloid precursor protein gene in autopsy human brain (5) 167
Nakamura, T., see Sun, W. (5) 190
Nemoto, M., see Nomura, Y. (5) 10
Neves, P., see Gonçalves, P.P. (5) 102
Nguyen, M.C., see Ludvig, N. (5) 75
Ninfali, P., Biagiotti, E., Guidi, L., Malatesta, M., Gazzanelli, G. and Del Grande, P.
Cytochemical and immunocytochemical methods for electron microscopic detection of glucose-6-phosphate dehydrogenase in brain areas (5) 115
Nomura, Y., Fujii, F., Sato, C., Nemoto, M. and Tamura, M.
Exchange transfusion with fluorocarbon for studying synaptically evoked optical signal in rat cortex (5) 10

Olivares, E.I., Iglesias, J., Bobes, M.A. and Valdes-Sosa, M.
Making features relevant: learning faces and event-related potentials recording using an analytic procedure (5) 1
Olive, M.F., Mehmert, K.K. and Hodge, C.W.
Microdialysis in the mouse nucleus accumbens: a method for detection of monoamine and amino acid neurotransmitters with simultaneous assessment of locomotor activity (5) 16
Oliveri, M., Rossini, P.M., Cicinelli, P., Traversa, R., Pasqualetti, P., Filippi, M.M. and Caltagirone, C.
Neurophysiological evaluation of tactile space perception deficits through transcranial magnetic stimulation (5) 25

Pabst, M.A., see Leitinger, G. (5) 30
Pasqualetti, P., see Oliveri, M. (5) 25
Perez Velazquez, J.L., see Adamchik, Y. (5) 153
Postle, B.R., Zarahn, E. and D'Esposito, M.
Using event-related fMRI to assess delay-period activity during performance of spatial and nonspatial working memory tasks (5) 57
Poulain, P., see Sequeira, H. (5) 49
Prass, K., see Victorov, I.V. (5) 135

Ravid, R., see De Groot, C.J.A. (5) 85
Ray, S.K., Schaecher, K.E., Shields, D.C., Hogan, E.L. and Banik, N.L.
Combined TUNEL and double immunofluorescent labeling for detection of apoptotic mononuclear phagocytes in autoimmune demyelinating disease (5) 305
Revilla, R., Revilla, V. and Fernandez-Lopez, A.
Autoradiographic characterisation of β-adrenoceptors in chick brain using [H^3] CGP 12177 (5) 140
Revilla, V., see Revilla, R. (5) 140
Roschier, M., Kuusisto, E. and Salminen, A.
A differential display protocol to identify differentially expressed mRNAs in potassium-deprived cerebellar granule cells (5) 121
Rossini, P.M., see Oliveri, M. (5) 25

Salminen, A., see Roschier, M. (5) 121
Salmona, M., see Silei, V. (5) 132
Sasaki, T., Ishii, S.-i. and Senda, M.
Gas-tissue autoradiography using [^{15}O] molecular oxygen for visualization of mitochondrial oxygen fixation in brain slices (5) 146
Sato, C., see Nomura, Y. (5) 10
Saumet, J.-L., see Fromy, B. (5) 198
Scalia, F., see Ludvig, N. (5) 75
Schaecher, K.E., see Ray, S.K. (5) 305
Scharf, B.A., see Ludvig, N. (5) 75
Schettini, G., see Bajetto, A. (5) 273
Sego, R., see Morris-Wiman, J. (5) 172
Senda, M., see Sasaki, T. (5) 146
Sequeira, H., see Leman, S. (5) 298
Sequeira, H., Poulain, P., Ba-M'Hamed, S. and Viltart, O.
Immunocytochemical detection of Fos protein combined with anterograde tract-tracing using biotinylated dextran (5) 49
Shields, D.C., see Ray, S.K. (5) 305
Silei, V., Fabrizi, C., Venturini, G., Tagliavini, F., Salmona, M., Bugiani, O. and Lauro, G.M.
Measurement of intracellular calcium levels by the fluorescent Ca^{2+} indicator Calcium-Green (5) 132
Sims, N.R., see Anderson, M.F. (5) 95
Sugiyama, F., see Takahashi, E. (5) 159
Sun, W., Funakoshi, H., Matsumoto, K. and Nakamura, T.
A sensitive quantification method for evaluating the level of hepatocyte growth factor and c-*met*/HGF receptor mRNAs in the nervous system using competitive RT-PCR (5) 190
Simmons, A., see Wilkinson, R. (5) 290
Stancampiano, R., see Fadda, F. (5) 219

Tagliavini, F., see Silei, V. (5) 132
Takahashi, E., Miyamoto, N., Kajiwara, N., Furuya, K., Yanai-Taniguchi, K., Sugiyama, F. and Yagami, K.-i.
Expression analysis of *Escherichia coli lacZ* reporter gene in transgenic mice (5) 159
Tamura, M., see Nomura, Y. (5) 10
Tang, H.M., see Ludvig, N. (5) 75
Tarabykin, V., see Usman, N. (5) 243
Teismann, P. and Ferger, B.
The salicylate hydroxylation assay to measure hydroxyl free radicals induced by local application of glutamate in vivo or induced by the Fenton reaction in vitro (5) 204
Tohgi, H., see Nagane, Y. (5) 167
Traversa, R., see Oliveri, M. (5) 25
Tscharke, D., see Wilkinson, R. (5) 290

Usman, N., Tarabykin, V. and Gruss, P.
The novel PCR-based technique of genotyping applied to identification of *scrambler* mutation in mice (5) 243
Utsugisawa, K., see Nagane, Y. (5) 167

Valdes-Sosa, M., see Olivares, E.I. (5) 1
Vale, M.G.P., see Gonçalves, P.P. (5) 102
Van Der Valk, P., see De Groot, C.J.A. (5) 85
Veerhuis, R., see De Groot, C.J.A. (5) 85
Venturini, G., see Silei, V. (5) 132
Victorov, I.V., Prass, K. and Dirnagl, U.
Improved selective, simple, and contrast staining of acidophilic neurons with vanadium acid fuchsin (5) 135
Viltart, O., see Sequeira, H. (5) 49
Viltart, O., see Leman, S. (5) 298

Wang, X., see Li, X. (5) 211
Weisspapir, M., see Adamchik, Y. (5) 153
Wilkinson, R., Tscharke, D. and Simmons, A.
Molecular localisation of a G-protein mRNA using differential display and in situ hybridization (5) 290

Yagami, K.-i., see Takahashi, E. (5) 159
Yamada, K., see Hirai, H. (5) 182
Yamazaki, H., see Manabe, Y. (5) 312
Yanai-Taniguchi, K., see Takahashi, E. (5) 159
Yeomans, J.S., see Li, L. (5) 67
Yoshioka, K., see Hirai, H. (5) 182

Zarahn, E., see Postle, B.R. (5) 57